

Converting Colors

CIELCh(72, 20.136, 116.406)

Have a look what the booklet for
CIELCh(72, 20.136, 116.406)
contains.

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Color

CIELCh(72, 20.154, 116.162)

Conversions

Conversions Part 1

Format	Color
Hex	ADB48F
RGB	173, 180, 143
RGB Percent	68%, 71%, 56%
CMY	0.3205, 0.2930, 0.4382
CMYK	0.04, 0.00, 0.21, 0.29
HSL	71°, 20%, 63%
HSV	71°, 21%, 71%
XYZ	38.6480, 43.6590, 32.4810
YIQ	173.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

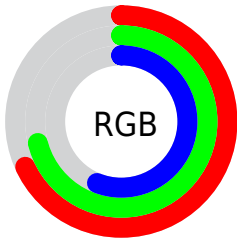
Format	Color
RYB	143, 180, 150
Decimal	11383951
CIELab	72.00, -8.89, 18.09
CIELCh	72, 20.154, 116.162
Yxy	43.6590, 0.3367, 0.3803
Android (android.graphics.Color)	4289574031 (0xFFADB48F)
YUV	173.6890, -15.1297, -0.6043
Hunter-Lab	66.0750, -11.2247, 17.1068

Details

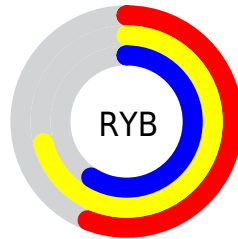
The CIELCh color **72, 20.154, 116.162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 21.061, 299.181**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.197, 116.028**, and **52, 19.731, 116.478** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.817, 115.471**, and if you desaturate by 10%, it is **73, 10.364, 116.862**.

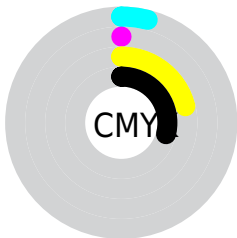
Distribution



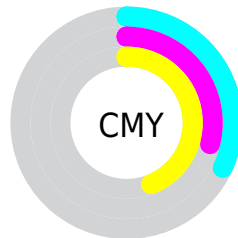
- Red (68%)
- Green (71%)
- Blue (56%)



- Red (56%)
- Yellow (71%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)





- Cyan (32%)
- Magenta (29%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 20.154, 116.162 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 20.154, 116.162 by changing the saturation by 10% instead.


 72, 20.154,
116.162


 72, 20.154,
116.162


 100, 20.154,
116.162


 62, 20.154,
116.162


 92, 20.154,
116.162

 52, 20.154,
116.162

 42, 20.154,
116.162

 32, 20.154,
116.162

 22, 20.154,
116.162

 12, 20.154,
116.162

 2, 20.154, 116.162

■ 0, 20.154, 116.162

■ 72, 20.154,
116.162

■ 72, 20.154,
116.162

■ 71, 29.817,
115.471

■ 73, 10.364,
116.862

■ 71, 39.240,
114.802

■ 73, 0.515, 117.556

■ 70, 48.262,
114.190

■ 74, 9.342, 298.200

■ 70, 56.637,
113.685

■ 75, 19.171,
298.827

■ 70, 64.020,
113.354

■ 76, 28.947,
299.421

■ 69, 69.977,
113.280

■ 77, 38.651,
299.978

■ 77, 40.664,

■ 69, 74.093,
113.550

301.314

■ 69, 76.463,
114.093

■ 77, 40.814,
302.851

■ 78, 40.991,
304.389

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 20.154, 116.162



61, 21.061, 299.181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 20.154, 116.162



72, 20.154, 166.162



72, 20.154, 296.162



72, 20.154, 346.162

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 20.156, 116.166



92, 7.315, 117.167



65, 12.811, 37.416



49, 4.848, 117.123



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 20.156, 116.166



91, 30.336, 115.824



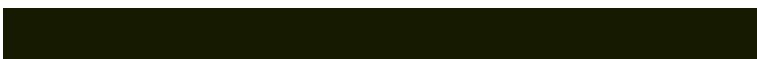
71, 22.412, 134.292



38, 5.529, 116.946



59, 67.711, 113.960



8, 13.571, 120.607

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 21.061, 299.181



75, 32.066, 299.637



63, 22.779, 316.060



35, 5.643, 298.246



18, 90.005, 307.266



1, 13.402, 295.907

Previews

White Background



This preview shows how the CIELCh color 72, 20.154, 116.162 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 20.154, 116.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

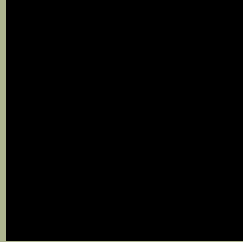
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 20.154, 116.162

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.154, 116.162.



This preview shows how white text looks on a background with the CIELCh color 72, 20.154, 116.162.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


72, 20.154, 116.162

Protanopia

72, 19.452, 95.024

Deuteranopia

72, 19.500, 61.741



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color
72, 20.154, 116.162

Protanomaly
72, 19.494, 103.506

Deuteranomaly
72, 17.748, 81.382

Tritanomaly
72, 2.194, 100.026

Monochromacy



Original Color
72, 20.154, 116.162

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.106, 115.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.154, 116.162 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 180, 143)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 180, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.154, 116.162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 180, 143) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 180, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(173, 180, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 143);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.154, 116.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
180, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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